SAMSUNG ELECTRONICS LED Lamp

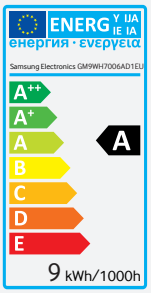
GM9WH7006AD1EU

Optimum Range

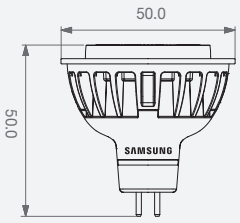
MR16 / 7.4W / GU5.3 / 40° / 2700K

Product

Model name	GM9WH7006AD1EU
Maker	Samsung Electronics
Bar Code	8806086268042
Voltage	AC/DC 12V
Equivalent to	35W
Power Consumption	7.4W
Lamp Socket holder	GU5.3



Dimensional drawing (unit : mm)



Customer Benefits

- 35W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 78% energy saving compared to traditional lamps / • Emits no UV
- More than 25,000 hours average operating life (12.5 times longer than halogen lamps)
- Compatible with an extensive range of transformers, dimmers
  (*please see recommended transformer list, dimmer list)
- Depending on transformers(control gear), energy consumption can be changed

Application

Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés
(Suitable for accent lighting)

Samsung LED Lighting

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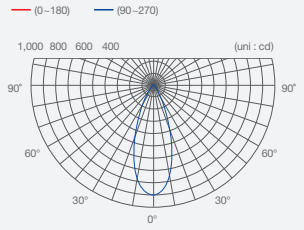
Specifications

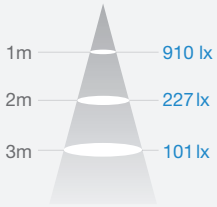
Model name	GM9WH7006AD1EU
Nominal useful luminous flux (lm)	400
Rated useful luminous flux (lm)	400
Nominal luminous flux (lm)	400
Lamp efficacy (lm/W)	54
Luminous intensity (cd)	910
Frequency (Hz)	50/60
Input current (mA)	660
Nominal power consumption (W)	7.4
Rated power consumption (W)	7.4
Lumen Maintenance Factor	L70
Warm-up time (60%)	Instant full light
Starting time (s)	0.2
On/Off cycles	50,000
Nominal beam angle (°)	40
Rated beam angle (°)	40
Operating temperature (°C)	-20~+40
Nominal lamp life time (hrs)	25,000
Rated lamp life time (hrs)	25,000
Color description	Warm White
Color temperature (K)	2700
CRI (Ra)	90
Color consistency (ANSI)	≤ MacAdam 6-step
Dimmable	Yes
Weight (g)	50
Energy efficiency index	A
Energy consumption (kWh/1000h)	9
Certification	CE, CB

※ Specifications are subject to change without notice

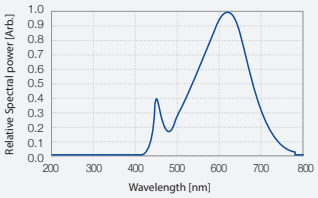
Lighting Data



Light Distribution



Illuminance (lx)



Spectral Power Distribution

Packaging Details

- Single Box (1pc) : 52mm×52mm×64mm / 60g
- Middle Box (10pc/box) : 275mm×111mm×70mm / 700g
- Outer Carton (40pc/box) : 239mm×286mm×164mm / 3,300g

Dimmer / Transformer Compatibility

					Transformer							
					No.	1	2	3	4	5	6	7
					Manufacturer	OSRAM	OSRAM	CONARD	OSRAM	TCI	PHIILPS	HATCH
					Models	HTM70	ET-PARROT105	574223	ET-REDBACK	MW70LED	Certaline	RS12-80BF-277
					Power	20-70W	35-105W	10-60W	20-60W	1-50W	60W	80W
	No.	Manufacturer	Models	Power	Country	EU	EU	EU	EU	EU	EU	EU
Dimmer	1	BUSCH-JAEGER	6513U-102	40~420W	EU	Working	Good	Working	Good	Working	Working	Good
	2	GIRA	0307/00	60~400W	EU	Working	Good	Good	Poor	Working	NC	NC
	3	ELKO	315GLE	20~315W	EU	Working	Good	Good	NC	Good	Poor	Working
	4	Schneider electric	SBD315RC	20-315VA	EU	Working	Good	Working	NC	Good	Poor	Working
	5	Schneider electric	SBD630RC	20~630W	EU	NC	Good	NC	Poor	Good	NC	Good

Note 1. Dimming Performance : Good(Dimming Coverage without flicker : 75%↑), Working(41~74%), Poor(40%↓), N/C(Not Compatible)
2. This result can only be used as reference. The result may vary according to actual field conditions.

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